



September 14, 2006

**DESIGN MEMORANDUM No. 06-09**  
**TECHNICAL ADVISORY**

**TO:** All Design, Operations, and District Personnel, and Consultants

**FROM:** /s/ Richard L. VanCleave  
Richard L. VanCleave  
Design Policy Engineer  
Office of Roadway Engineering Services

**SUBJECT:** Linear Grading

**REVISES:** *Indiana Design Manual* Section 17-2.06

**EFFECTIVE:** January 10, 2007, Letting

Where linear grading is being considered, the measurement for payment will be based on the length of roadway per linear foot (meter) measured along the centerline actually constructed to the lines and grades shown in the typical cross section. Measurement will be made once per centerline per area. Typical cross sections should be separated.

The pay-quantity limits should be measured along the roadway centerline, with deductions for bridges, etc. For example, a divided-roadway project length is 25,000 lft, and includes two bridges with a combined length of 600 lft. Linear grading is to be done in the median and beyond the outside shoulders. The linear-grading pay length would be 24,400 lft. The plans should indicate what work is to be included in the linear grading pay item, both by typical section and in estimated quantities per area of linear grading, i.e., cubic yards (cubic meters) of common excavation.

The pay unit for linear grading has been changed from station or mile (kilometer) to linear foot (meter). The new pay item code number is 203-08607.

Recurring Special Provision 203-R-260, dated 4-12-06, and attached hereto, should be called for beginning with the January 10, 2007, letting. Beginning with the September 6, 2007, letting, the recurring special provision will be incorporated into the INDOT *Standard Specifications*, and will then no longer be required to be called for in a specific contract.

RVC:ys  
Attachment

[F:\Des\Signed\0609-ta.doc]